

# HOCKEY STADIUM

*Location: Wavre*



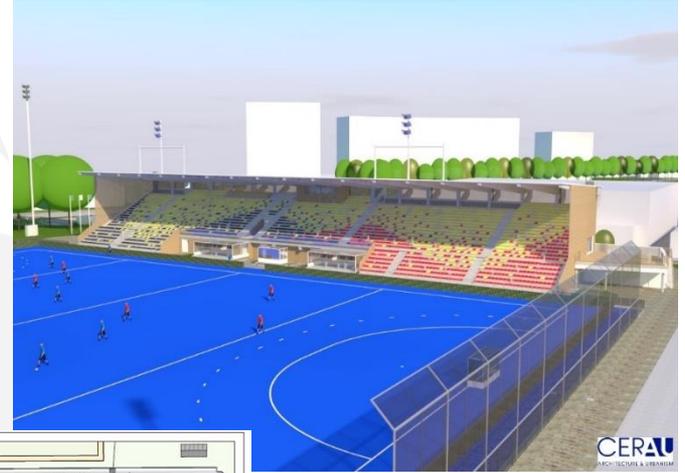
10/12/2019

KONINKLIJKE BELGISCHE HOCKEY BOND

ASSOCIATION ROYALE BELGE DE HOCKEY



# CONVERSION OF THE WAVRE FOOTBALL STADIUM INTO A FIELD HOCKEY STADIUM



CERAU  
ARCHITECTURA & URBANISM

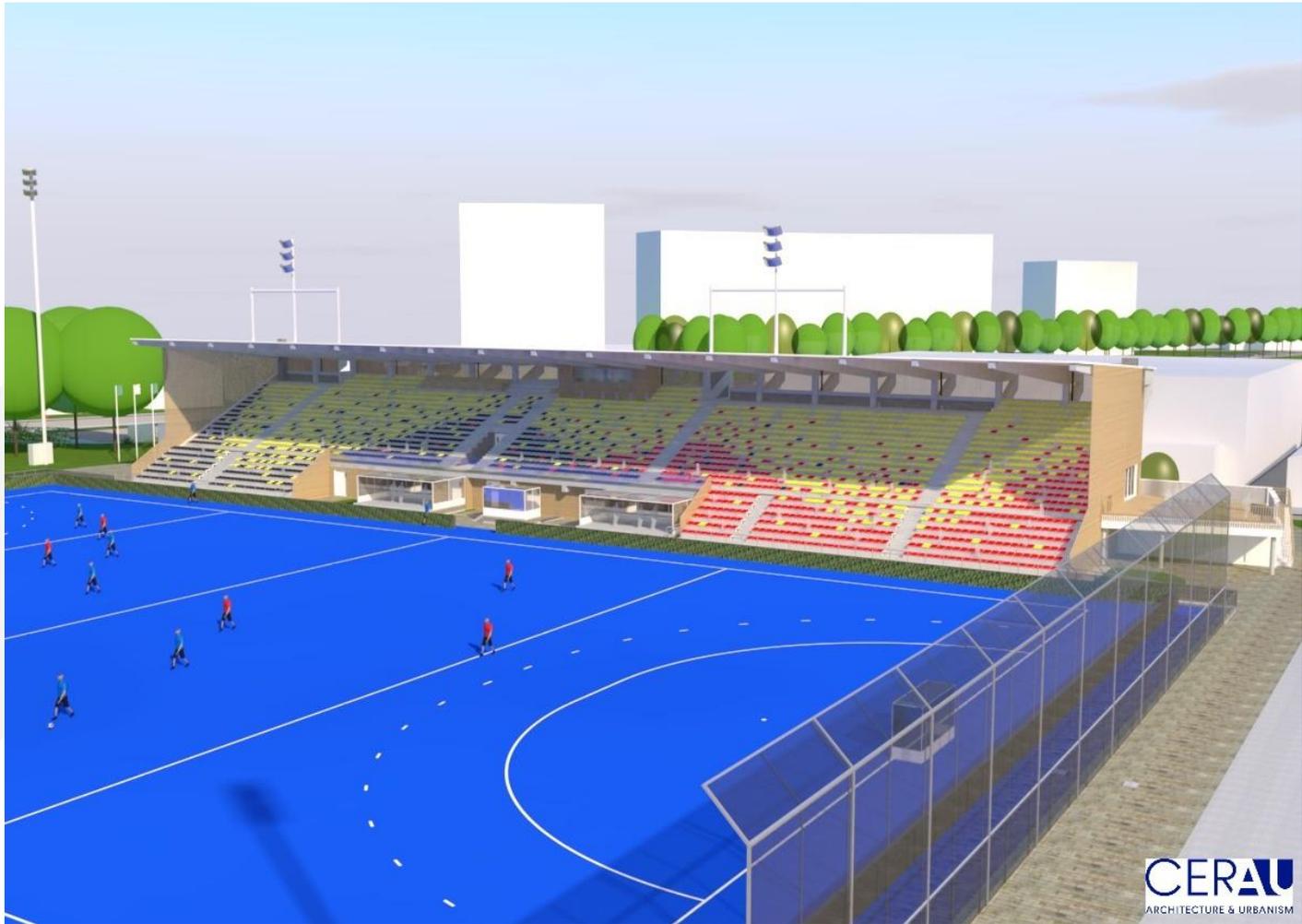




# STADIUM LAYOUT









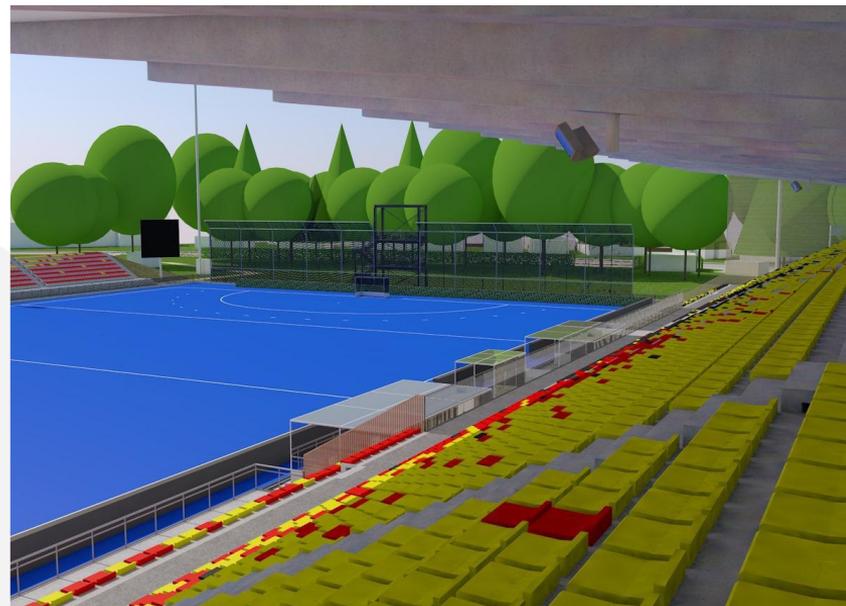
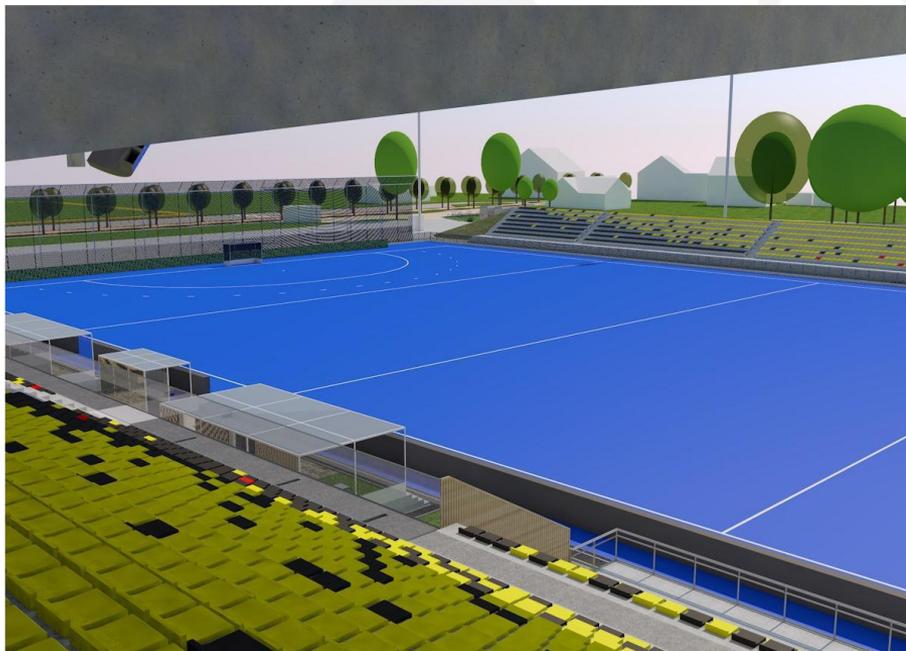
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# Equipments

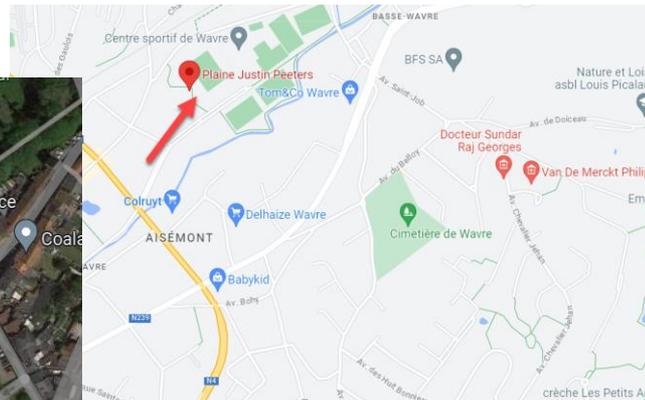
- Field: FIH **Global Category 1 Field**
- Dimmable LED lighting (350 ÷ 1,400lux), meeting FIH Global category
  - complying with the light pollution standard EN 12193
- Modern dug-outs, technical table & scoreboard
- Technical pre-installation for TV broadcasters
- 8 equipped changing rooms / 2 referees' changing rooms / anti-doping room/ medical room
- 110 m<sup>2</sup> fitness area
- Storage, laundry & technical rooms
- Offices & meeting rooms
- Hospitality areas & kitchen
- 2 modular rooms & media center



# Technical informations

- Capacity: 4000 fixed seats
  - can be extended to 10.000 with temporary stands (FIH World Cup 2026)
- Reuse of existing football stadium structure
- Production of green energy by installing photovoltaic panels on the stadium roof and batteries
- Use of rainwater for field irrigation & sanitary facilities

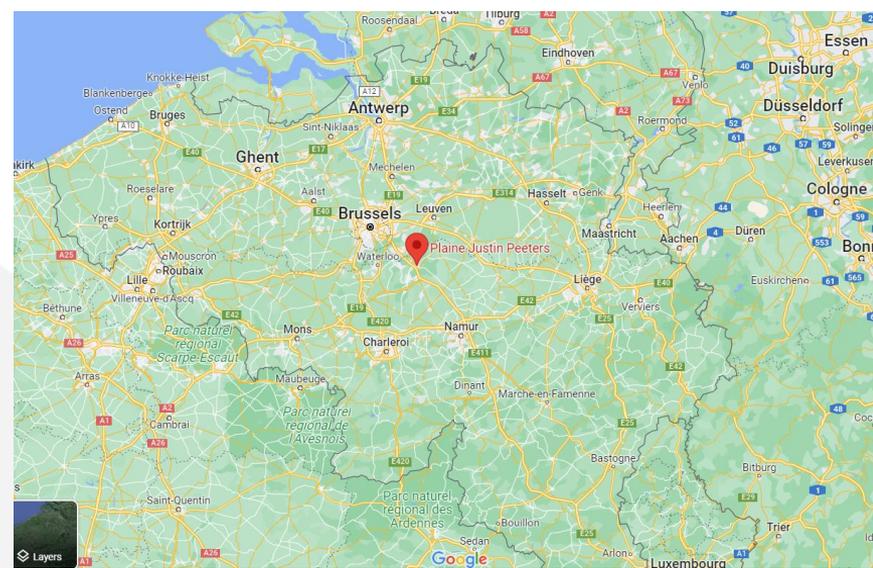




# Geographical location

## Wavre, Belgium: central location in the Benelux

- From Brussels airport:
  - 30m by car - 1h by public transport
- From Charleroi (Brussels south) Airport:
  - 45m by car - 1h30 by public transport
- From Brussels South train station (international)
  - 40m by car - 1h by public transport
- From Antwerp
  - 1h by car - 1h40 by public transport
- From Wagener Stadium, Amsterdam (NL)
  - 2h45 by car - 3h40 by public transport
- From Sparkassen HockeyPark, Mönchengladbach (DE)
  - 2h by car - 4h20 by public transport
- From Paris gare du Nord (FR)
  - 3h30 by car - 2h50 by public transport
- From London (GB)
  - 5h30 by car - 3h30 by public transport



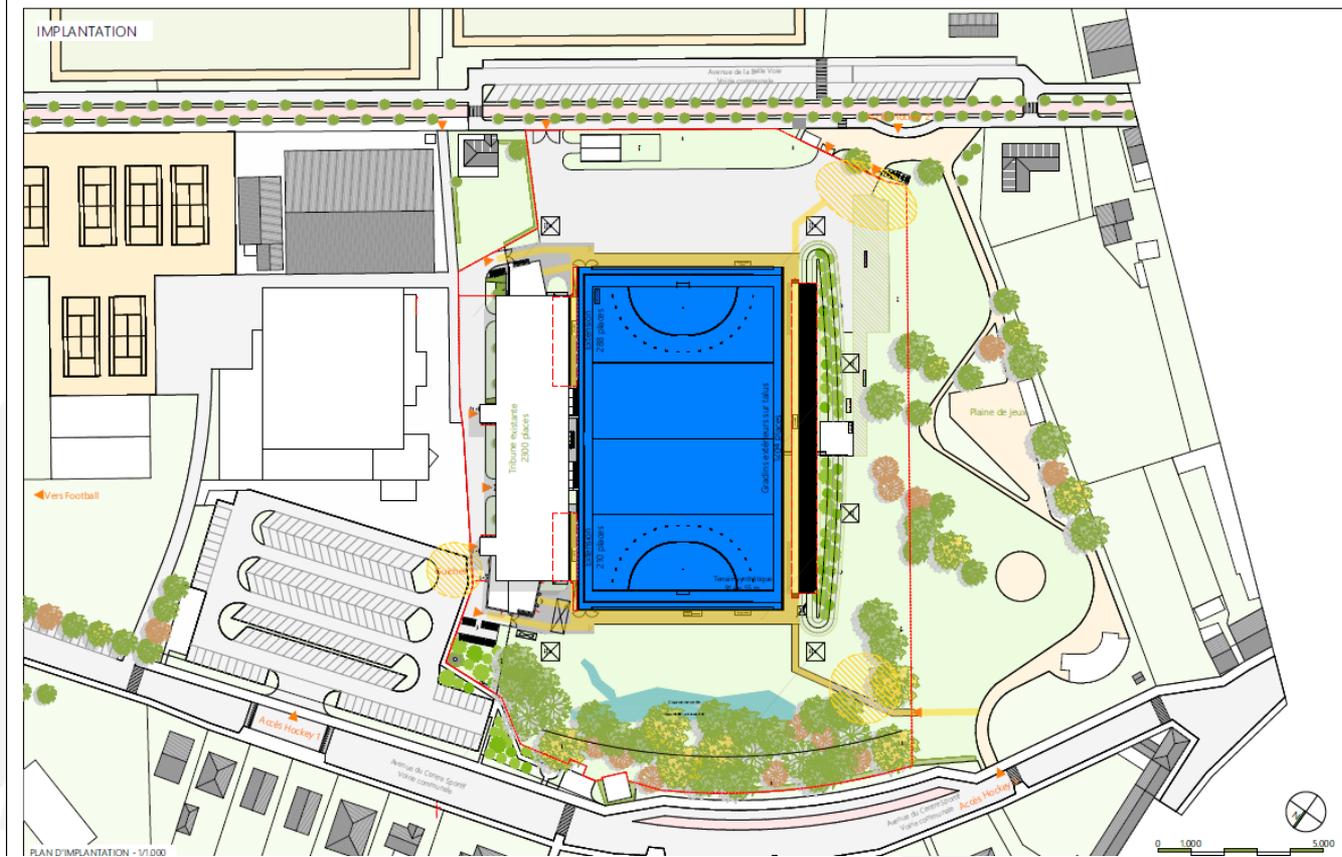
- *Train station Basse-Wavre: 400m*
- *E411 brussels Luxembourg highway: 1,5km*





# STADIUM PLANS

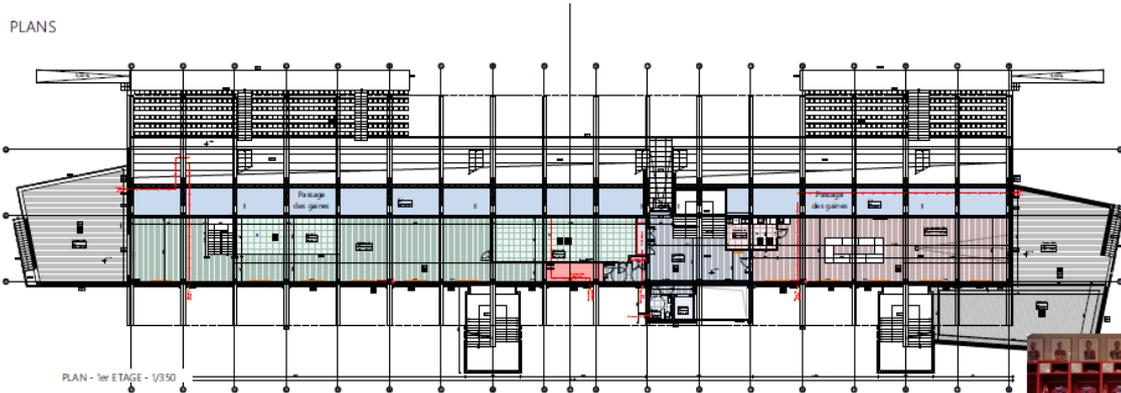




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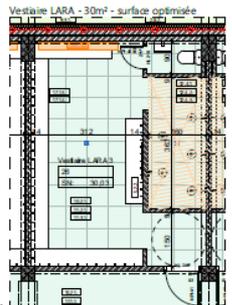
PLANS



PLAN - 1er ETAGE - 1/350

**SURFACES - 1er ETAGE**

Axe/axe	8,85
AC P.M.B.	4,84
Changement LARA	130,63
Sur LARA	86,11
Changement LARA	54,96
Veranda LARA	39,03
Surf. polyvalente ARBET	147,63
Changement ARBET	14,75
Veranda ARBET	78,29
Veranda velle	31,97
T.T.	148,13
T.T.	80,37
<b>Total</b>	<b>1.175,48 m²</b>



Optimisation des vestiaires LARA et l'intégration du dortoir dans le bâtiment existant réduisent les besoins en création de nouvelles extensions. Ce qui entraîne la réduction du coût mais également la réduction du délai d'exécution et des nuisances.

**SURFACES - REZ-DE-CHAUSSEE**

Entrez/de	85,31
Axe/axe	8,85
AC P.M.B.	4,84
Stockage divers	2,77
Accès	6,53
AC H.	7,56
Changement ARBET	149,06
Stockage ARBET	104,79
T.T. Vestiaires	9,75
AC P.M.B.	14,75
Changement Room A	46,32
Changement Room B	50,44
Changement Room C	50,44
Changement Room D	49,06
T.T.	14,48
T.T.	5,78
Accès	11,88
Multifonction	100,21
Accès Accès	39,96
Mobilier (dortoir, dressing)	13,42
Autobus 1	14,75
Autobus 2	14,48
Changement LARA	11,75
Veranda LARA 1	38,04
Veranda LARA 2	39,03
Veranda LARA 3	39,03
Veranda LARA 4	39,03
Changement	30,68
AC H.	12,02
AC F.	8,03
AC P.M.B.	4,84
Bureau LARA	8,83
T.T. Acc.	48,87
T.T. Acc.	12,71
T.T. Vestiaires	81,23
Stockage LARA	11,97
Accès	63,74
AC H. Publics 1	81,22
AC F. Publics 1	82,39
AC H. Publics 2	84,06
AC F. Publics 2	78,95
Veranda	18,27
Plumes	30,68
<b>Total</b>	<b>1.287,40 m²</b>

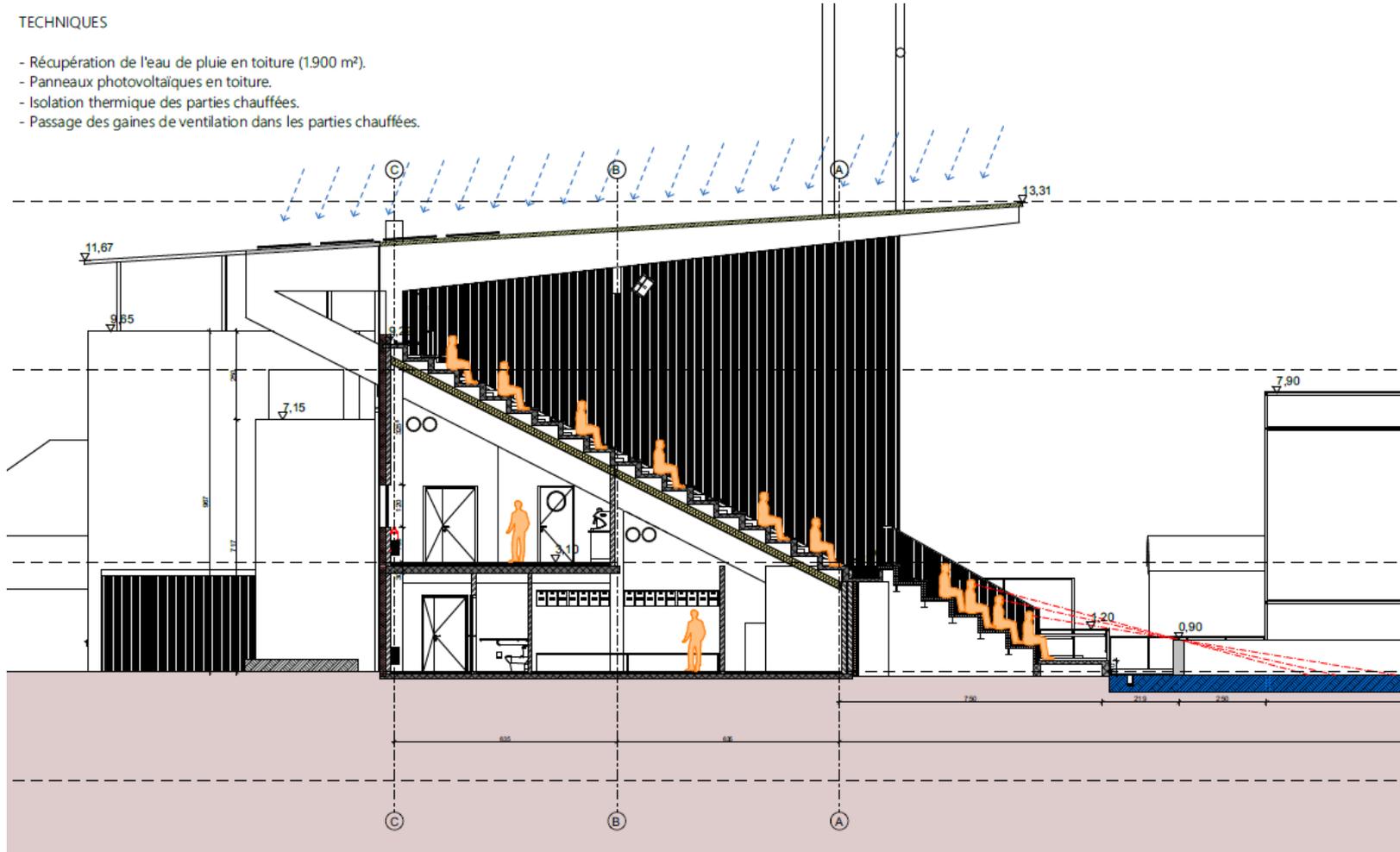


PLAN - REZ-DE-CHAUSSEE - 1/350



## TECHNIQUES

- Récupération de l'eau de pluie en toiture (1900 m<sup>2</sup>).
- Panneaux photovoltaïques en toiture.
- Isolation thermique des parties chauffées.
- Passage des gaines de ventilation dans les parties chauffées.





# THANK YOU

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